

14. (Amended) A telecommunications terminal device according to claim 13, further comprising a display which displays the amounts for new intended connections, which amounts are determined from the stored client profile.

15. (Amended) A telecommunications terminal device according to claim 14, wherein the fee for new connections is determined from a statistical dynamic overall client profile stored in a memory area, which overall client profile is derived from one or multiple random variables of previous connections of at least one group of customers of the digital telecommunications network, the stored overall client profile being adapted dynamically.

16. (Amended) A telecommunications terminal device according to claim 14, wherein the random variables used to derive the client profile include the connection duration, the time of day, the day of the week, and/or geographic characteristics of previous connections.

17. (Amended) A telecommunications terminal device according to claim 14, wherein the amount for new connections are dependent on the statistical system load obtained from the overall client profile.

18. (Amended) A chipcard which can be used in a telecommunications device, comprising:

a memory area which stores a dynamic client profile which is derived from at least one random variable of previous connections of owner of the chipcard; and

a processor to determine the dynamic client profile again after a new connection, and to determine the usage fee for new connections from the stored dynamic client profile.

19. (Amended) A chipcard according to claim 18, further comprising:

a pre-paid amount memory area storing a pre-paid amount of money,

means to debit or subsequently load the amount of money,

means to debit directly from the pre-paid memory area the fee for new connections determined from the stored dynamic client profile.

20. (Amended) A chipcard according to claim 18, wherein the fee for new connections is determined from a statistical dynamic overall client profile stored in a memory area, which

overall client profile is derived from at least one random variable of previous connections of at least one group of customers of the digital telecommunications network, said overall client profile being adapted dynamically.

21. (Amended) A chipcard according to claim 18, wherein the random variables used to derive the client profile include the connection duration, the time of day, the day of the week, and/or geographic characteristics of previous connections.

22. (Amended) A chipcard according to claim 18, wherein the fees for new connections are dependent on the statistical system load obtained from the overall client profile.

23. (Amended) A billing system, intended for the determination of telecommunications network usage fees, comprising:

a memory area storing a dynamic client profile for at least one customer of the telecommunications network, said client profile being derived from at least one random variable of previous connections of the customer,

means to determine at least one random variable with every new connection,

means to calculate again the dynamic client profile depending on the determined at least one random variable,

means to determine the usage fee from the stored dynamic client profile and to charge said fee to the client.

24. (Amended) A billing system according to claim 23, wherein the usage fee is determined from a statistical dynamic overall client profile stored in a memory area, which overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

25. (Amended) A billing system according to claim 23, wherein the random variables used to derive the client profile include the connection duration, the time of day, the day of the week, and/or geographic characteristics of previous connections.

26. (Amended) A billing system according to claim 23, wherein the usage fee is dependent on the statistical system load obtained from the overall client profile.

27. (Amended) A data carrier programmed by a computer program which can be used to control a programmable device, comprising:

means to store in a memory area a dynamic client profile for at least one customer of a telecommunications network, said client profile being derived from one or multiple random variables of previous connections of the customer of the digital telecommunications network,

means to determine at least one statistical characteristic with every new connection,

means to determine again the dynamic client profile depending on the determined at least one random variable,

means to determine a usage fee from the stored dynamic nnn profile.

28. (Amended) A data carrier according to claim 27, wherein the usage fee is determined from a statistical dynamic overall client profile stored in a second memory area, which overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

29. (Amended) A data carrier according to claim 27, wherein the random variables used to derive the client profile include the connection duration, the time of day, the day of the week, and/or geographic characteristics of previous connections.

30. (Amended) A data carrier according to claim 27, wherein the fees for new connections are dependent on the statistical system load obtained from the overall client profile.

See the attached Appendix for the changes made to effect the above claims.

Please add the following new claims:

31. (New) A billing method to determine usage fees which arise through the use of a digital telecommunications network, comprising:

determining statistical characteristics of previous connections of a customer; and

calculating a usage fee billed to said customer based on said statistical characteristics of previous connections of a customer.

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32. (New) A billing method according to claim 31, further comprising:
determining statistical characteristics of previous connections of at least one group of users; and
calculating the usage fee billed to a new customer of the telecommunications network based on said statistical characteristics of at least one group of users.
33. (New) A billing method according to claim 31 or 32, further comprising:
deriving a dynamic client profile from at least one random variable of previous connections of a customer,
storing said dynamic client profile in a memory area, and
rederiving said dynamic client profile after new connections of said customer.
34. (New) A billing method according to claim 32, further comprising:
deriving a dynamic overall client profile, comprising the statistical features of previous connections of at least one group of customers, from at least one random variable of previous connections of said at least one group of customers, and
storing said dynamic overall client profile in a memory area.
35. (New) A billing method according to claim 33, further comprising:
maintaining the client profile so that it contains a value proportional to the average duration price per connection of the customer.
36. (New) A billing method according to claim 33, further comprising:
maintaining the client profile so that it contains a value proportional to the average duration time of a connection of the customer.
37. (New) A billing method according to claim 33, further comprising:
maintaining the client profile so that it contains the number of connections of the customer in pre-defined classes of duration of customer connection time.
38. (New) A billing method according to claim 33, further comprising:
maintaining the client profile to contain multi-dimensional functions of random variables of previous connections of the customer of the digital telecommunications network.

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39. (New) A billing method according to claim 33, further comprising:
deriving the client profile using random variables which include the connection duration time, the time of day, the day of the week, and/or geographic characteristics of previous connections.
40. (New) A billing method according to claim 34, further comprising:
basing usage fees for new connections on the statistical system load obtained from the overall client profile.
41. (New) A billing method according to claim 33, further comprising:
determining usage fees for new connections from the stored dynamic client profile when the connection is established, and
charging said usage fees directly.
42. (New) A billing method according to claim 33, further comprising,
determining usage fees for anticipated new connections prior to establishing the connection,
informing the potential customer of said usage fees, and
allowing the potential customer to interrupt the connection establishment.

IN THE ABSTRACT OF THE DISCLOSURE:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure that is attached on a separate sheet.